

## What is a simple machine?

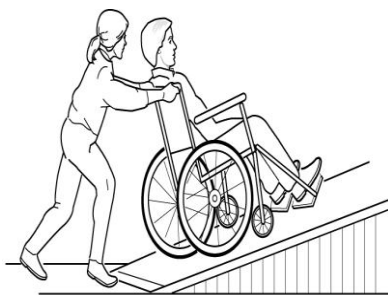
**Directions:** Write *true* if the statement is true. If the statement is false, **change the underlined term to make the statement true.**

- \_\_\_\_\_ 1. Simple machines do change the amount of work.
- \_\_\_\_\_ 2. A lever is made by putting two inclined planes together.
- \_\_\_\_\_ 3. A pair of scissors is an example of a simple machine.
- \_\_\_\_\_ 4. An effort force is a force that moves objects.
- \_\_\_\_\_ 5. Inclined planes make work easier by decreasing the distance needed to move something.
- \_\_\_\_\_ 6. A doorknob is an example of a wheel and axle.
- \_\_\_\_\_ 7. To do work on an object, it must move in the opposite direction as the force.
- \_\_\_\_\_ 8. Levers increase the amount of force needed to lift an object.
- \_\_\_\_\_ 9. A rope wrapped around a wheel is a wheel and axle.
- \_\_\_\_\_ 10. A wedge is a simple machine that cuts or separates objects.

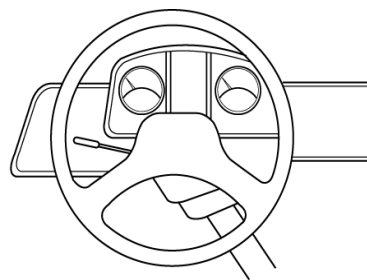
**Directions:** On the line provided under each diagram, write the type of simple machine that is being shown.



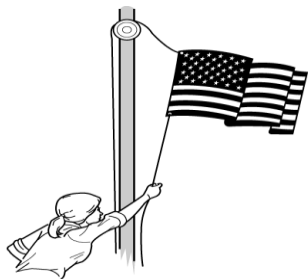
1. \_\_\_\_\_



2. \_\_\_\_\_



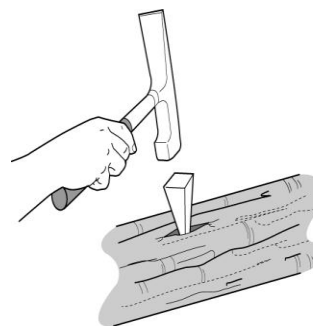
3. \_\_\_\_\_



4. \_\_\_\_\_



5. \_\_\_\_\_



6. \_\_\_\_\_